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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Higuchi et al. Examiner : Not Yet Assigned
Serial No. : 10/086,913 Group Art Unit: 1614
Filed : March 1, 2002
For : PREVENTION AND TREATMENT OF MYCOPLASMA-
ASSOCIATED DISEASES
Customer No. : 21003

INFORMATION DISCLOSURE STATEMENT

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Sir:

Pursuant to 37 C.F.R. §§1.97 and 1.98, applicants respectfully request that
the documents listed below in reverse chronological order and on the accompanying PTO
1449 be considered by the Examiner and made of record in the above-referenced
application. Copies of the documents listed are enclosed.

Several of the listed documents have been cited on the International
Search Report for International Patent Application No. PCT/BR01/00083, to which the

present application claims priority. A copy of the International Search Report is also enclosed, which indicates the possible relevance of each document cited therein.

1. Umezawa et al., "Enzyme-linked immunosorbent assay with *Trypanosoma cruzi* excreted-secreted antigens (TESA-ELISA) for serodiagnosis of acute and chronic Chagas' disease," Diagn. Microbiol. Infect. Dis. 39:169-176, 2001 (USA).
2. Higuchi et al., "Great amount of *C. pneumoniae* in ruptured plaque vessel segments at autopsy. A comparative study of stable plaques," Ara. Bras. Cardiol. 74:149-151(2000).
3. Higuchi et al., "Detection of *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* in ruptured atherosclerotic plaques," Braz. J. Med. Biol. Res. 33:1023-1026 (2000).
4. Horne et al., "IgA sero-positivity to *Mycoplasma pneumoniae* predicts the diagnosis of coronary artery disease," J. Am. Coll. Cardiol. 35:321 (abstract) (2000).
5. Laroy et al., "Cloning of *Trypanosoma cruzi* trans-Sialidase and Expression in *Pichia pastoris*," Protein Expr. Purif. 20:389-393 (2000).
6. Maraha et al., "Is *Mycoplasma pneumoniae* associated with vascular disease," J. Clin. Microbiol. 38:935-936 (February 2000).
7. Sambiase et al., "CMV and transplant-related coronary atherosclerosis: an immunohistochemical, *in situ* hybridization and polymerase chain reaction *in situ* study," Modern Pathology 13:173-179 (2000).
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9. Cole, "Mycoplasma-induced arthritis in animals: relevance to understanding the etiologies of the human rheumatic diseases," Rev. Rhum. Engl. Ed. 66 (1 Suppl):45S-49S (1999).
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14. Buscaglia et al., "The repetitive domain of *Trypanosome cruzi* trans-sialidase enhances the immune response against the catalytic domain," J. Infect. Dis. 177(2):431-436 (1998).
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16. Neyrolles et al., "Identification of two glycosylated components of *Mycoplasma penetrans*: a surface-exposed capsular polysaccharide and a glycolipid fraction," Microbiology, 144:1247-1255 (1998).

17. Razin et al., "Molecular biology and pathogenicity of mycoplasmas," Microbiol. Mol. Biol. Rev. 62(4):1094-1156 (1998).
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<http://www.compkarori.com/arthritis/pil6002.htm>.
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22. Farraj et al., "Mycoplasma-associated pericarditis, case report," Mayo Clin. Proc. 72:33-36 (1997).
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28. Buschiazzi et al., "Medium scale production and purification to homogeneity of a recombinant trans-sialidase from *Trypanosoma cruzi*," Cell Mol. Biol. 42:703-710 (1996).
29. Cremona et al., "Effect of primary structure modifications in *Trypanosoma cruzi* neuraminidase trans-sialidase activities," Cell. Mol. Biol. 42:697-702 (1996).
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32. *Trypanosoma cruzi* TCTS-154 gene for trans-sialidase, Accession No D50684, GI:840705, 2895 bp, Uemura et al. (1995).
33. *Trypanosoma cruzi* TCTS-121 gene for trans-sialidase, Accession No D50685, GI:840707, 3183 bp, Uemura et al. (1995).
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64. Clyde et al., "Tropism for *Mycoplasma gallisepticum* for arterial walls," Proc. Natl. Acad. Sci. U.S.A. 70: 1545-1549 (1973).
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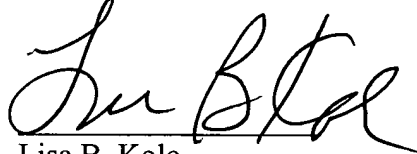
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Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

There should be no fee required for this submission. However, if any fee is required, or if any overpayment has been made, the Commissioner is hereby authorized to charge any fees, or credit or any overpayments made, to Deposit Account 02-4377. A duplicate copy of this paper is enclosed.

Respectfully submitted,

BAKER BOTTS L.L.P.

A handwritten signature in black ink, appearing to read 'Lisa B. Kole', written over a horizontal line.

Lisa B. Kole

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Atty. Docket No.
A33474-PCT-USA-A
068528.0103

Serial No.
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U.S. PATENT DOCUMENTS

*Ex am. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translation Yes No

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

1	Umezawa et al., "Enzyme-linked immunosorbent assay with Trypanosoma cruzi excreted-secreted antigens (TESA-ELISA) for serodiagnosis of acute and chronic Chagas' disease," <u>Diagn. Microbiol. Infect. Dis.</u> 39:169-176, 2001 (USA).
2	Higuchi et al., "Great amount of <i>C. pneumoniae</i> in ruptured plaque vessel segments at autopsy. A comparative study of stable plaques," <u>Ara. Bras. Cardiol.</u> 74:149-151(2000).
3	Higuchi et al., "Detection of <i>Mycoplasma pneumoniae</i> and <i>Chlamydia pneumoniae</i> in ruptured atherosclerotic plaques," <u>Braz. J. Med. Biol. Res.</u> 33:1023-1026 (2000).
4	Horne et al., "IgA sero-positivity to <i>Mycoplasma pneumoniae</i> predicts the diagnosis of coronary artery disease," <u>J. Am. Coll. Cardiol.</u> 35:321 (abstract) (2000).

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5	Laroy et al., "Cloning of <i>Trypanosoma cruzi</i> trans-Sialidase and Expression in <i>Pichia pastoris</i> ," <u>Protein Expr. Purif.</u> 20:389-393 (2000).
6	Maraha et al., "Is <i>Mycoplasma pneumoniae</i> associated with vascular disease," <u>J. Clin. Microbiol.</u> 38:935-936 (February 2000).
7	Sambiase et al., "CMV and transplant-related coronary atherosclerosis: an immunohistochemical, <i>in situ</i> hybridization and polymerase chain reaction <i>in situ</i> study," <u>Modern Pathology</u> 13:173-179 (2000).
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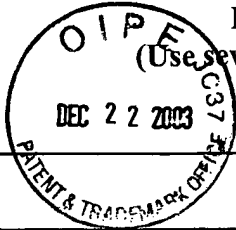
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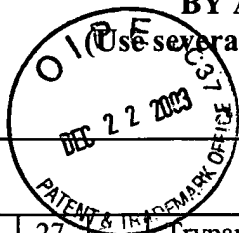
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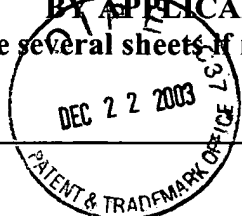
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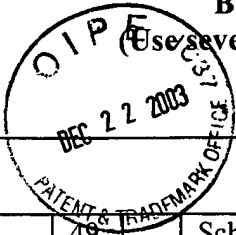
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